

Title (en)

OPTICAL FIBER EXPANDED BEAM CONNECTOR

Publication

**EP 0220690 A3 19890920 (EN)**

Application

**EP 86114771 A 19861024**

Priority

US 79166985 A 19851028

Abstract (en)

[origin: US4953938A] An expanded beam connector for optical fibers uses a transparent lensing device having integral alignment capability, that of a simplified design that facilitates its molding with high precision from optical plastic or glass.

IPC 1-7

**G02B 6/38**; **G02B 6/32**

IPC 8 full level

**G02B 6/32** (2006.01); **G02B 6/38** (2006.01)

CPC (source: EP US)

**G02B 6/322** (2013.01 - EP US); **G02B 6/3833** (2013.01 - EP US); **G02B 6/3858** (2013.01 - EP US); **Y10S 425/808** (2013.01 - EP US)

Citation (search report)

- EP 0053914 A1 19820616 - COMBINED OPTICAL IND LTD [GB]
- EP 0150860 A2 19850807 - POLAROID CORP [US]
- US 3649098 A 19720314 - SUVERISON LYLE B
- EP 0110140 A1 19840613 - POLAROID CORP [US]
- EP 0019342 A1 19801126 - PHILIPS NV [NL]
- FR 1295171 A 19620601 - POLYMATIC PATENTVERWERTUNGS G

Cited by

EP0519219A3; US4814118A; CN104364685A; US8827567B2; US9588302B2; WO2013180906A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

**EP 0220690 A2 19870506**; **EP 0220690 A3 19890920**; JP S62105104 A 19870515; US 4953938 A 19900904

DOCDB simple family (application)

**EP 86114771 A 19861024**; JP 25092286 A 19861023; US 79166985 A 19851028